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B'  
<110> FORSSMANN, WOLF-GEORG  
ZUCHT, HANS-DIETER  
LIEPKE, CORNELIA

<120> BIFIDOGENIC PEPTIDES

<130> 10496/P65141US0

<140> 09/508,095

<141> 2000-03-16

<160> 24

<170> PatentIn Ver. 2.1

<210> 1

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<212> PRT

<213> Artificial Organism

<220>

<223> Description of Artificial Organism: Synthetic bifidogenic peptide

<400> 1

Glu Gln Leu Leu Arg Leu Lys Lys

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Tyr Leu Glu Gln Leu Leu Arg Leu Lys Lys Tyr

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Asn Arg Gln Arg Asn Ile Leu Arg

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<400> 5

Phe Gln Trp Gln Arg Asn Met Arg Lys  
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His Thr Gly Leu Arg Arg Thr Ala  
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Thr Tyr Tyr Ala Asn Pro Ala Val Val Arg Pro His Ala Gln Ile Pro  
20 25 30

Gln Arg Gln Tyr Leu Pro Asn Ser His Pro Pro Thr Val Val Arg Arg  
35 40 45

Pro Asn Leu His Pro Ser Phe  
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<210> 18

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Gly Arg Arg Arg Arg Ser Val Gln Trp Cys Thr Val Ser Gln Pro Glu  
1 5 10 15

Ala Thr Lys Cys Phe Gln Trp Gln Arg Asn Met Arg Arg Val Arg Gly  
20 25 30

Pro Pro Val Ser Cys Ile Lys Arg Asp Ser Pro Ile Gln Cys Ile Gln  
35 40 45

Ala

<210> 19

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<400> 19

Gly Arg Arg Arg Ser Val Gln Trp Cys Ala Val Ser Gln Pro Glu Ala  
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Thr Lys Cys Phe Gln Trp Gln Arg Asn Met Arg Lys Val Arg Gly Pro  
20 25 30

Pro Val Ser Cys Ile Lys Arg Asp Ser Pro Ile Gln Cys Ile Gln Ala  
35 40 45

<210> 20

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 Gly Arg Arg Arg Arg Ser Val Gln Trp Cys Ala Val Ser Gln Pro Glu  
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 Ala Thr Lys Cys Phe Gln Trp Gln Arg Asn Met Arg Lys Val Arg Gly  
                   20                  25                  30  
 Pro Pro Val Ser Cys Ile Lys Arg Asp Ser Pro Ile Gln Cys Ile Gln  
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Ala

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 Val Tyr Gln His Gln Lys Ala Met Pro Lys Pro Trp Ile Gln Pro Lys  
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 Thr Lys Val Ile Pro Tyr Val Arg Tyr Leu  
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<210> 23  
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<400> 23

Cys Ala Val Gly Gly Gly Cys Ile Ala Leu  
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<211> 19

<212> PRT

<213> Artificial Organism

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<223> Description of Artificial Organism: Synthetic bifidogenic peptide

<400> 24

Arg His Thr Arg Lys Tyr Trp Cys Arg Gln Gly Ala Arg Gly Gly Cys  
1 5 10 15

Ile Thr Leu